

FIG. 1

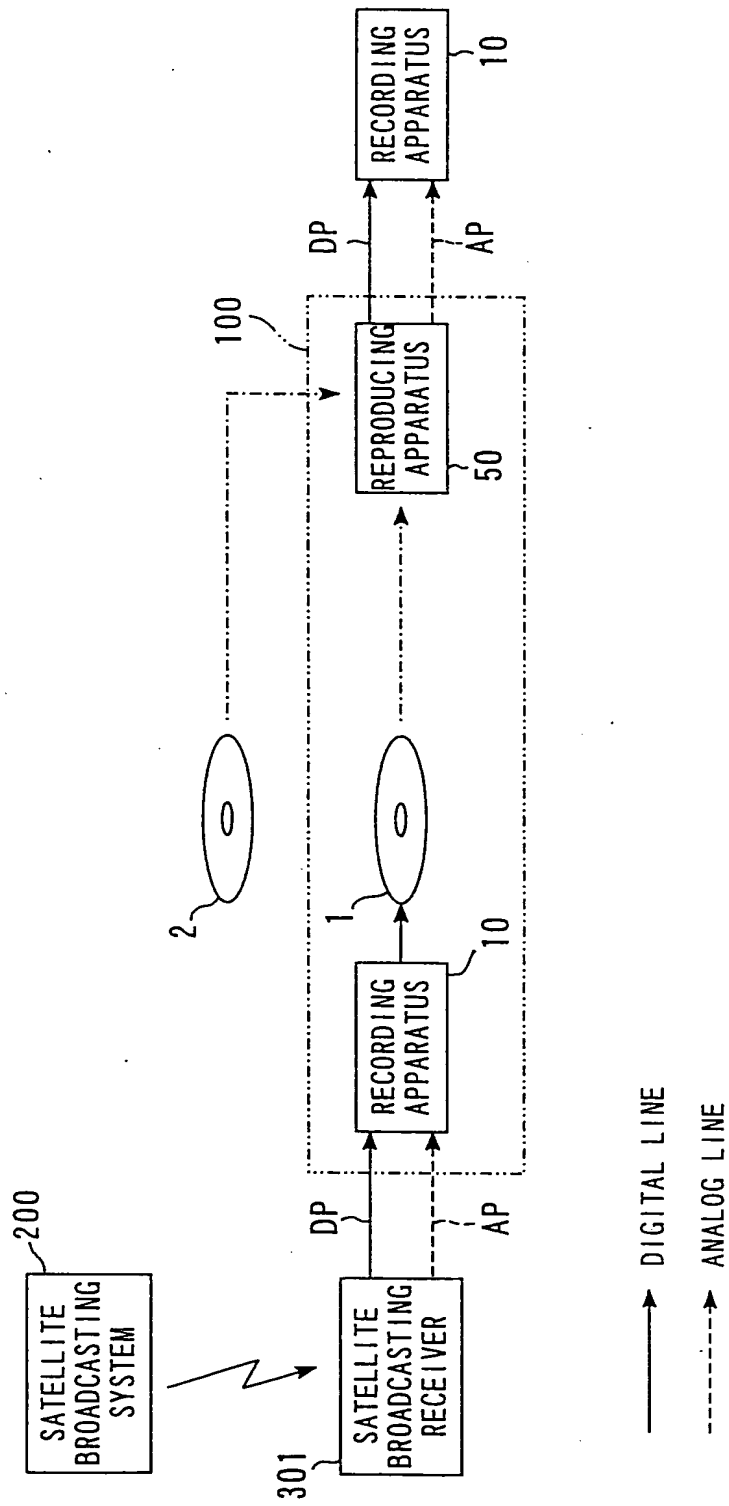


FIG.2

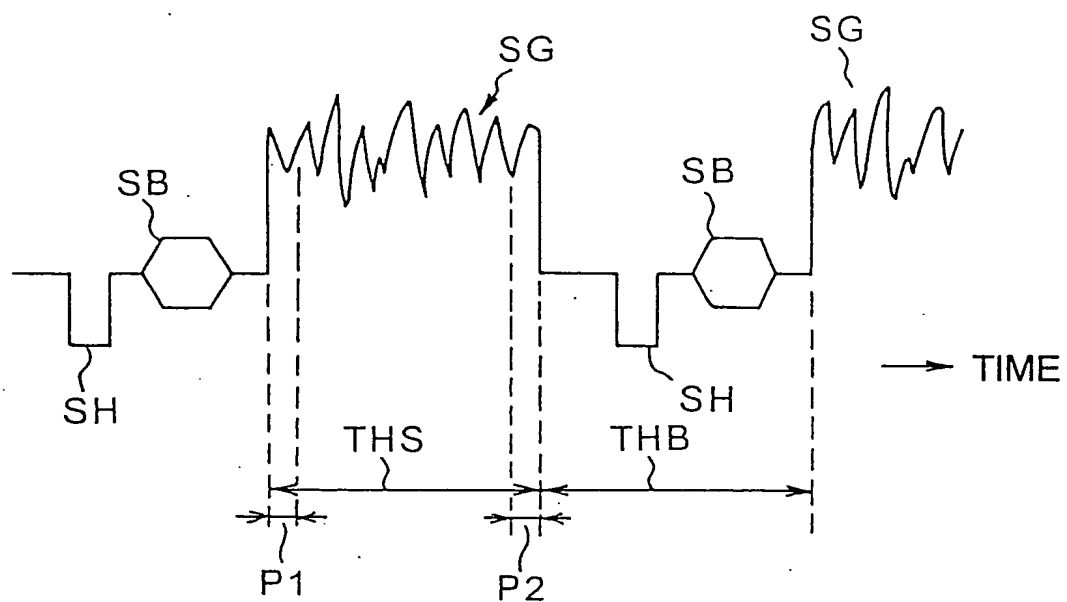


FIG.3

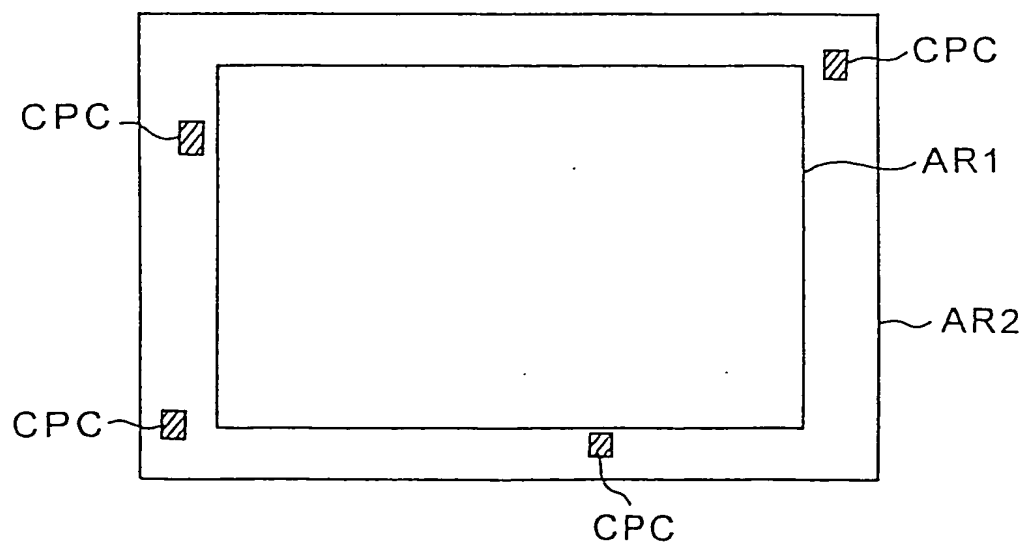


FIG. 4

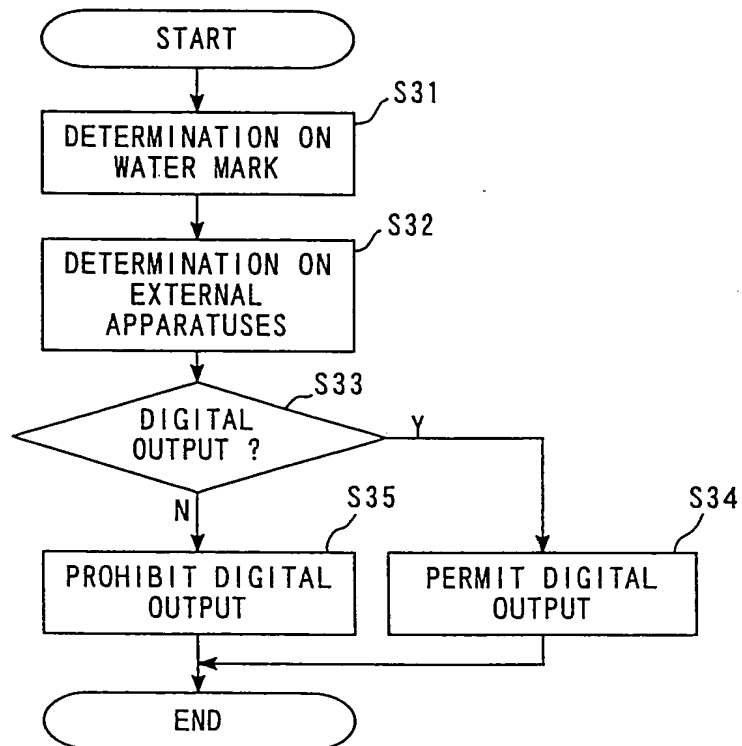


FIG.5

	DETERMINATION		CONTROL
	WATERMARK	TYPES OF EXTERNAL APPARATUS	
1	NEVER COPY	AUTHORIZED APPARATUS	PERMISSION
2		UNAUTHORIZED APPARATUS	PROHIBITION
3	ONE COPY	AUTHORIZED APPARATUS	PERMISSION
4		UNAUTHORIZED APPARATUS	PROHIBITION
5	COPY-FREE	DETERMINATION IS NOT CARRIED OUT	PERMISSION

FIG. 6

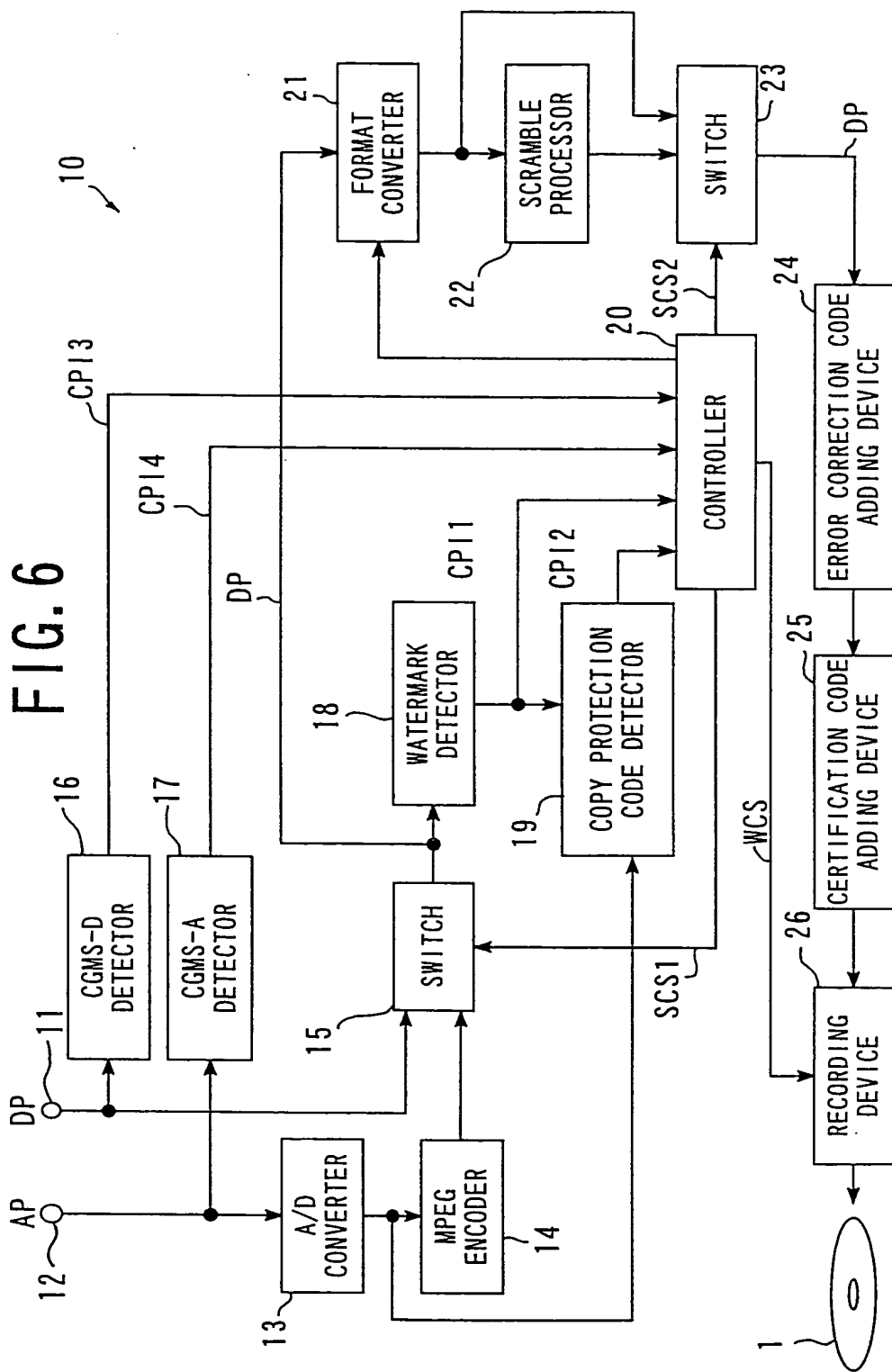


FIG. 7

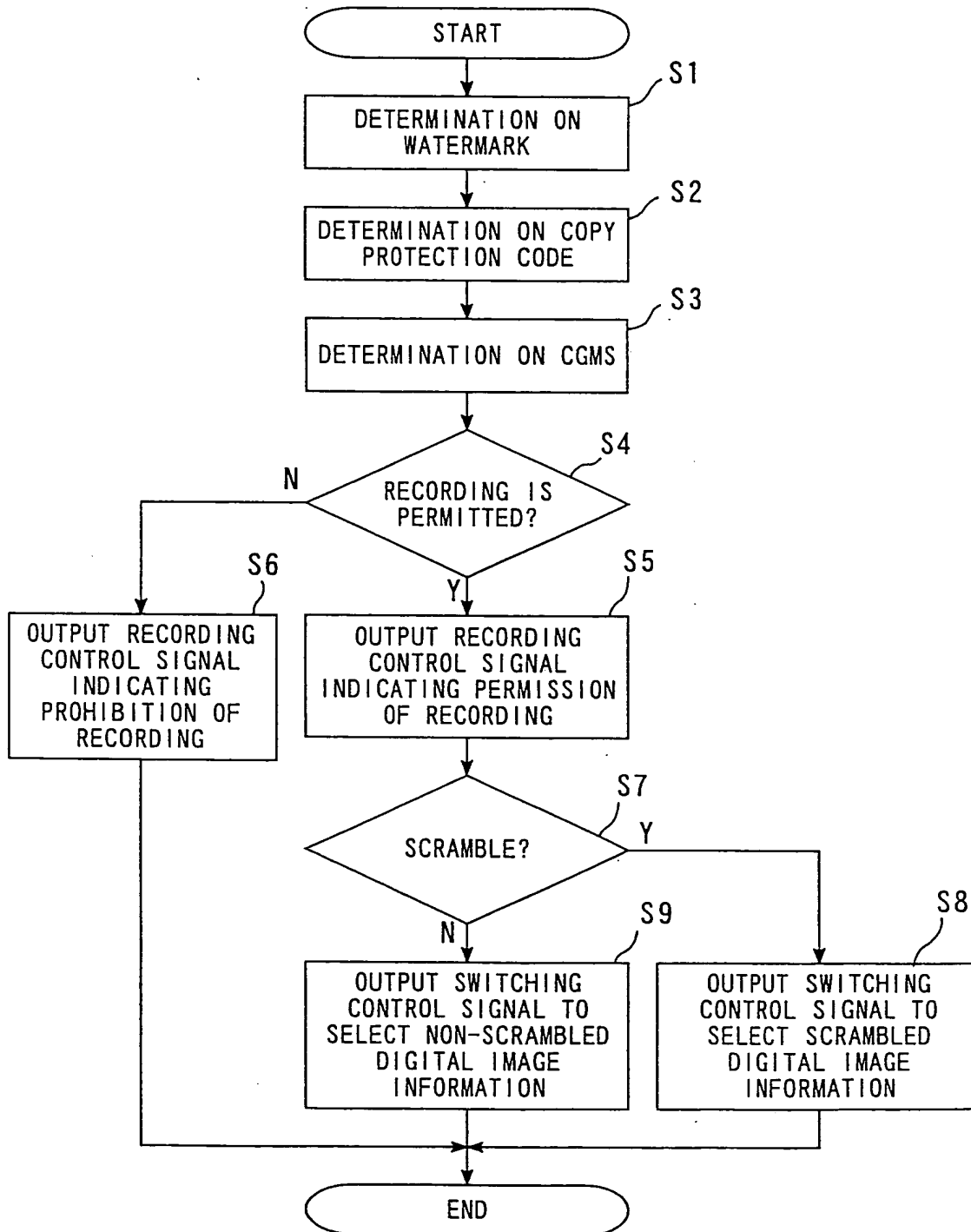
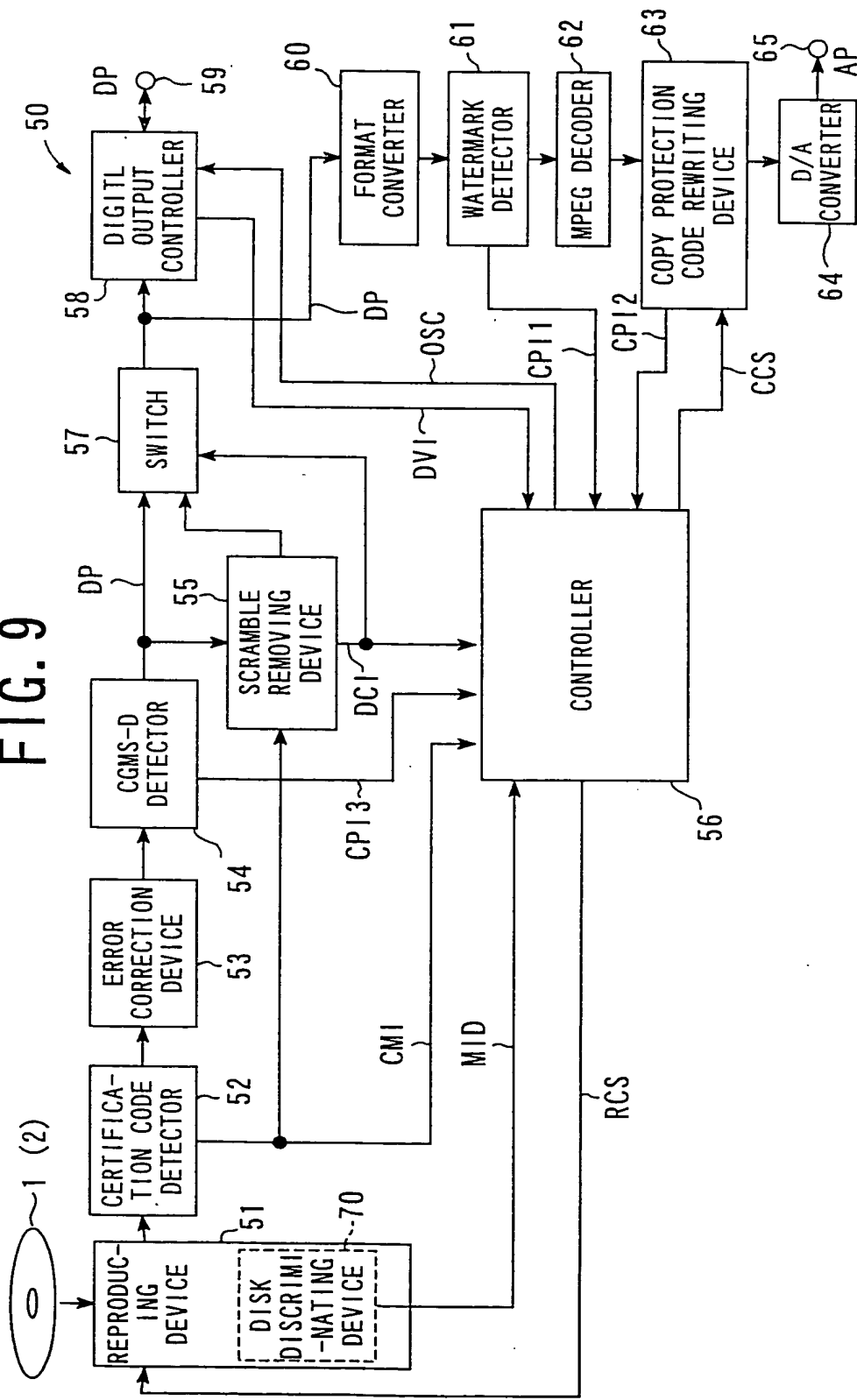


FIG.8

DETERMINATION			CONTROL		
	WATERMARK	COPY PROTECTION CODE	CGMS	RECORDING CONTROL SIGNAL	SCRAMBLE
1	NEVER COPY	DETERMINATION IS NOT CARRIED OUT	DETERMINATION IS NOT CARRIED OUT	PROHIBITION OF RECORDING	—
2	ONE COPY	NO MORE COPY	DETERMINATION IS NOT CARRIED OUT	PROHIBITION OF RECORDING	—
3		ONE COPY	NEVER COPY	PROHIBITION OF RECORDING	—
4			ONE COPY	PERMISSION OF RECORDING	SCRAMBLE
5			COPY-FREE	PROHIBITION OF RECORDING	—
6			NEVER COPY	PROHIBITION OF RECORDING	—
7	COPY-FREE (ABSENCE)	DETERMINATION IS NOT CARRIED OUT	ONE COPY	PROHIBITION OF RECORDING	—
8			COPY-FREE	PERMISSION OF RECORDING	NON-SCRAMBLE

FIG. 9



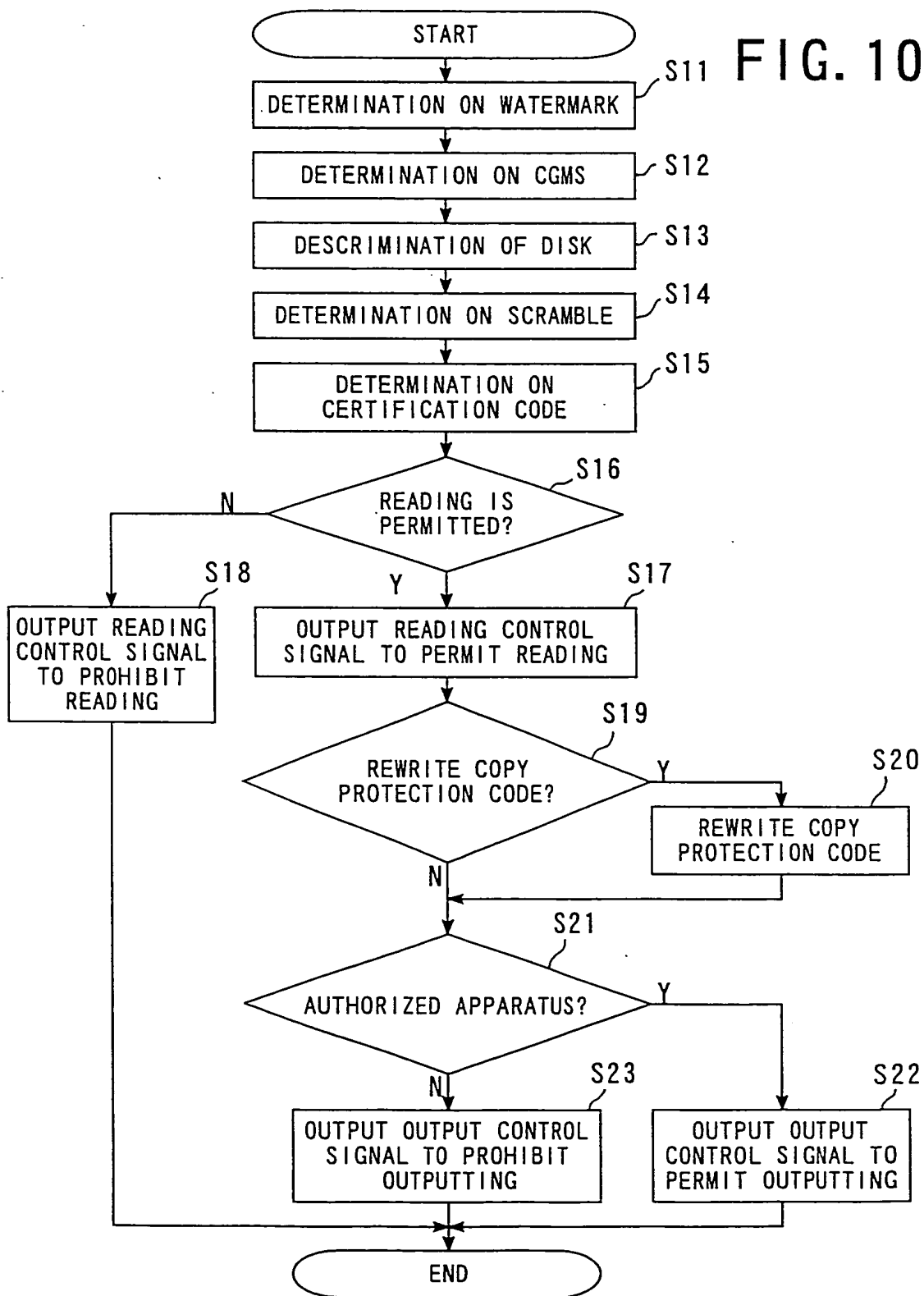


FIG. 11A

DETERMINATION						
	WATER -MARK	C G M S	TYPES OF DISK	SCRAMBLE	CERTIFI -CATION	TYPES OF EXTERNAL APPARATUS
1	NEVER COPY	NEVER COPY	READ ONLY	DETERMINA -TION IS NOT CARRIED OUT	DETERMINA -TION IS NOT CARRIED OUT	UNAUTHORIZED
2			RECORDABLE			AUTHORIZED
3		ONE COPY COPY-FREE	DETERMINATION IS NOT CARRIED OUT			DETERMINATION IS NOT CARRIED OUT
4	NEVER COPY	READ ONLY	PRESENCE	UNAUTHORIZED		
5					ONE COPY COPY-FREE	
6	ONE COPY	NEVER COPY			RECORDABLE	PRESENCE
7						
8						
9						
10						
11	ONE COPY COPY-FREE	ONE COPY COPY-FREE	DETERMINATION IS NOT CARRIED OUT	ABSENCE	DETERMINATION IS NOT CARRIED OUT	
12						
13	COPY-FREE (ABSENCE)	NEVER COPY	READ ONLY	DETERMINA -TION IS NOT CARRIED OUT	UNAUTHORIZED	
14			RECORDABLE			AUTHORIZED
15			NO DETERMINATION			UNAUTHORIZED
16		ONE COPY COPY-FREE	PRESENCE			DETERMINATION IS NOT CARRIED OUT
17		READ ONLY				
18	RECORDABLE	RECORDABLE	ABSENCE			
19						

FIG.11B

CONTROL			
	READING CONTROL SIGNAL (PERMISSION/PROHIBITION OF READING)	DIGITAL OUTPUT	COPY PROTECTION CODE
1	PERMISSION	PROHIBITION	-
2		PERMISSION	-
3	PROHIBITION	-	-
4		-	-
5		-	-
6		-	-
7		-	-
8	PERMISSION	PROHIBITION	REWRITE
9	PROHIBITION	PERMISSION	REWRITE
10		-	-
11		-	-
12		-	-
13		-	-
14	PERMISSION	PROHIBITION	-
15	PROHIBITION	PERMISSION	-
16		-	-
17	PERMISSION	PERMISSION	-
18	PROHIBITION	-	-
19	PERMISSION	PERMISSION	-

FIG. 12

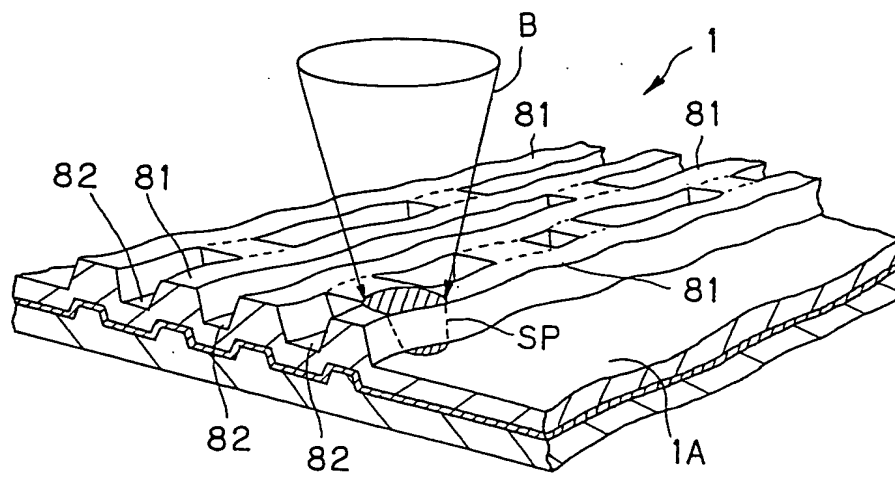


FIG. 13

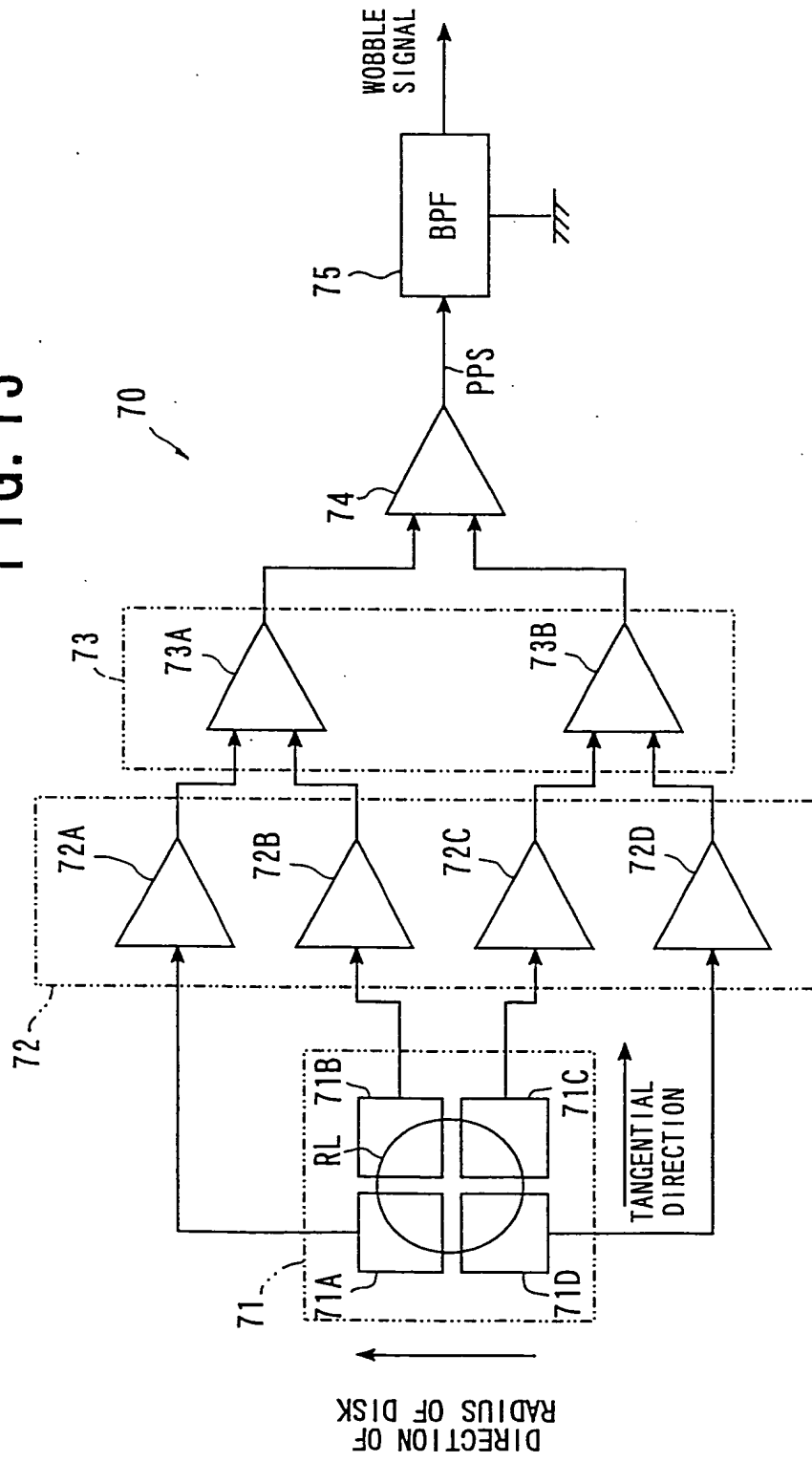


FIG. 14

The diagram illustrates a satellite broadcasting system (200) and its associated recording and reproducing apparatuses. A satellite broadcasting receiver (301) receives signals from a satellite broadcasting system (200). The receiver (301) outputs signals to a recording apparatus (10) and a non-compliant recording apparatus (302). The recording apparatus (10) is connected to a reproducing apparatus (50) and a non-compliant reproducing apparatus (303). The reproducing apparatus (50) is connected to a recording apparatus (10') and a non-compliant reproducing apparatus (302). The non-compliant recording apparatus (302) is connected to a recording apparatus (10') and a non-compliant reproducing apparatus (303). The non-compliant reproducing apparatus (303) is connected to a recording apparatus (10') and a non-compliant reproducing apparatus (302). The diagram also shows a satellite broadcasting system (200) and a satellite broadcasting receiver (301).

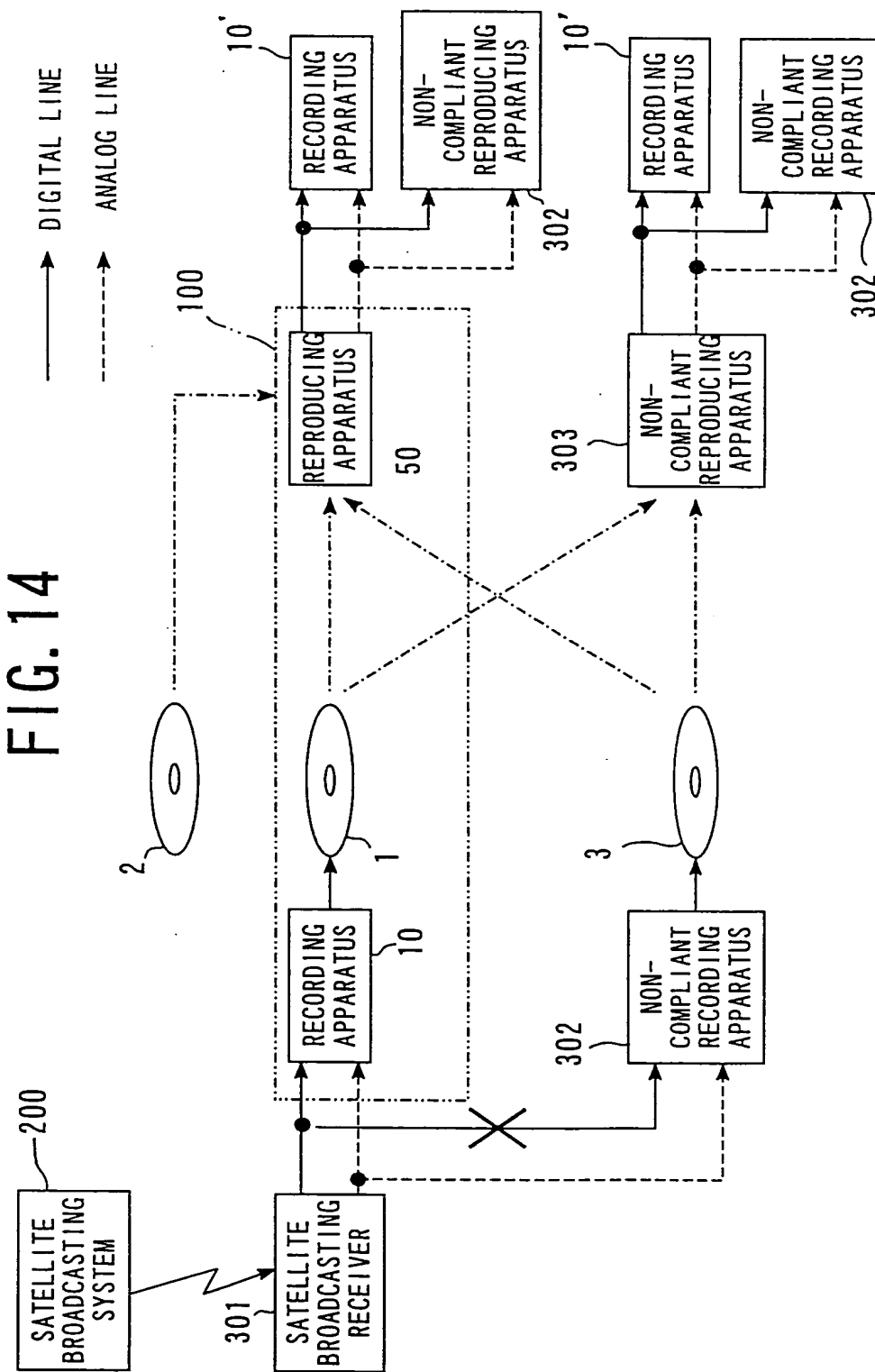


FIG.15

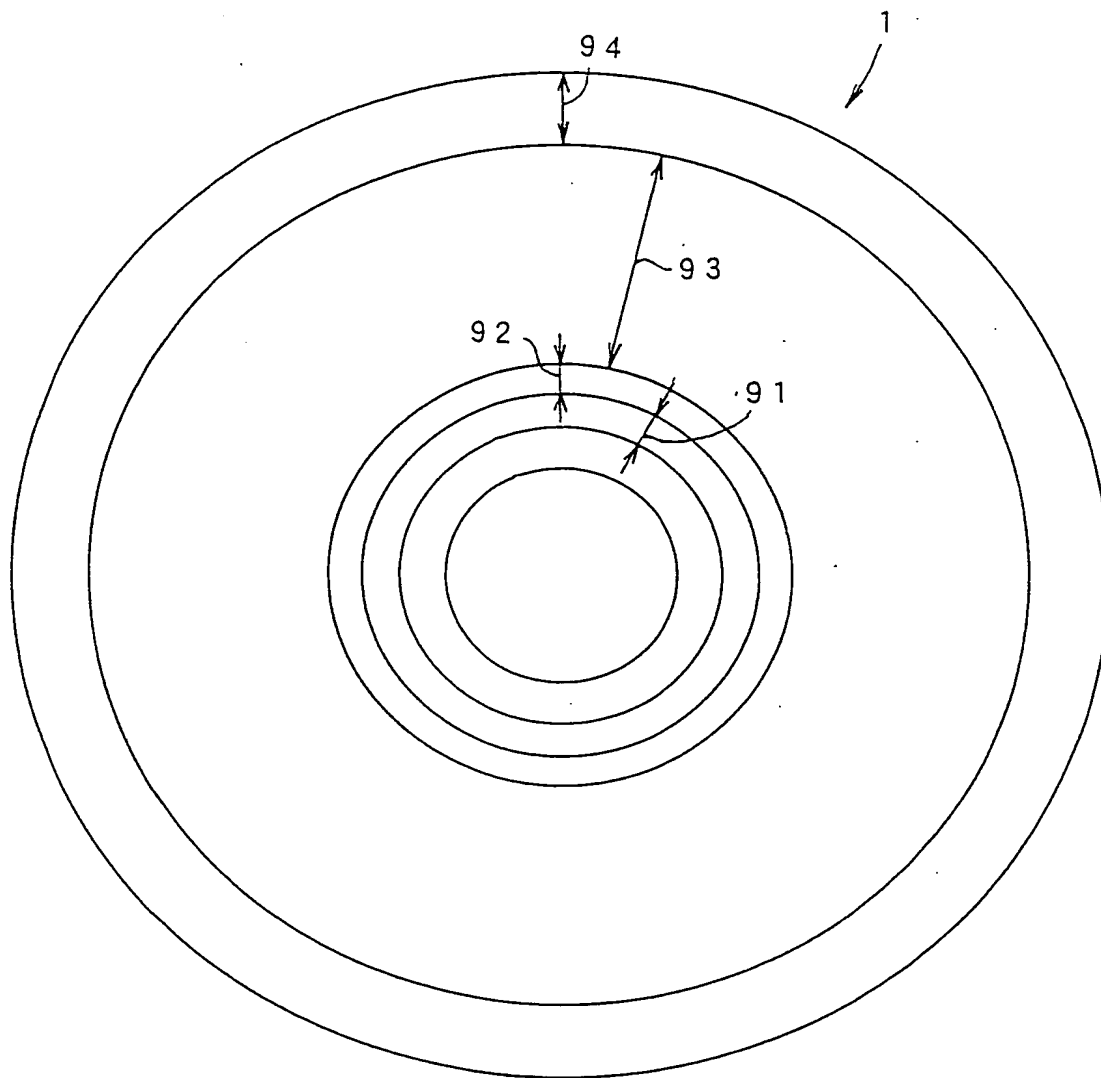


FIG.16

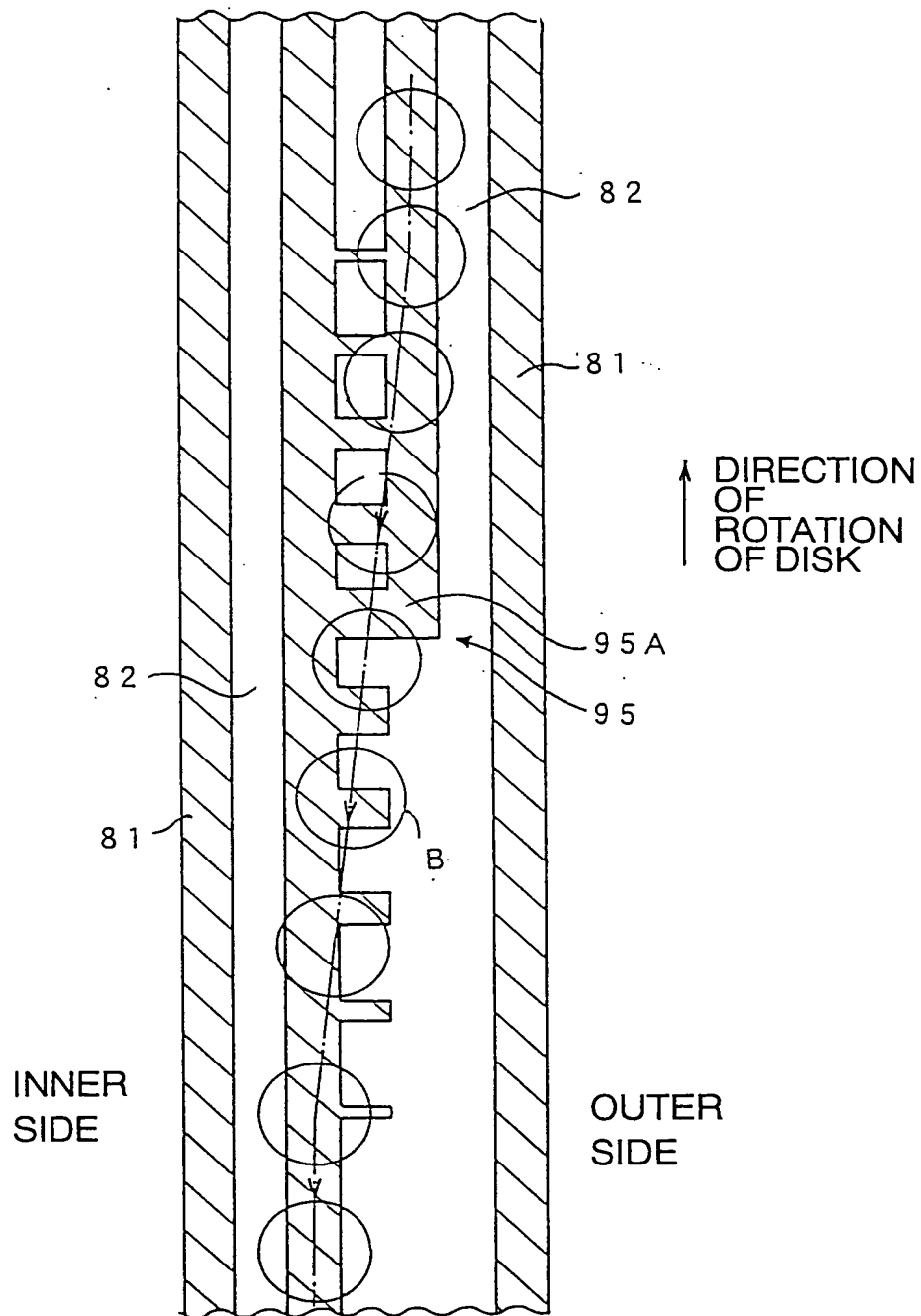


FIG. 17

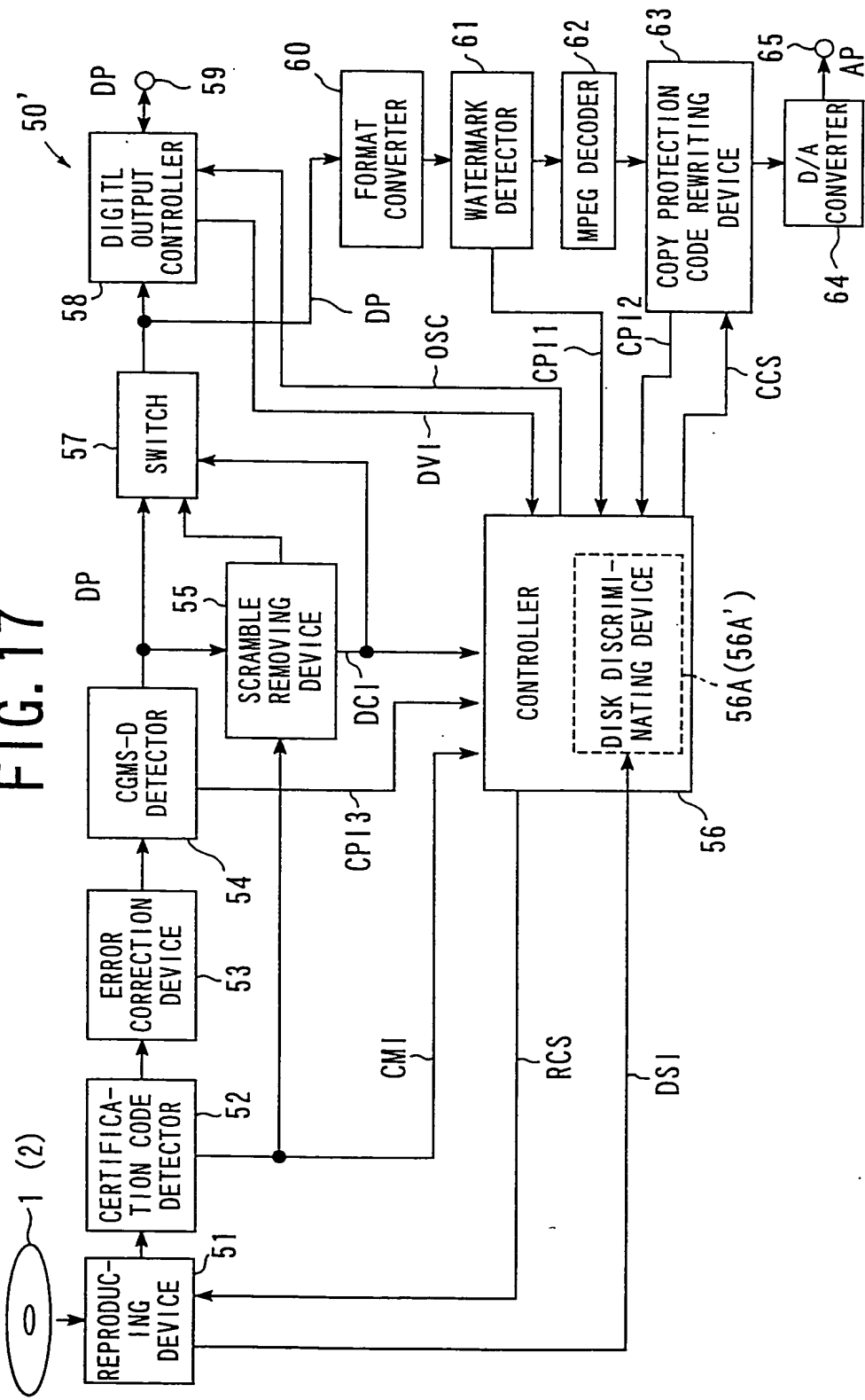


FIG. 18

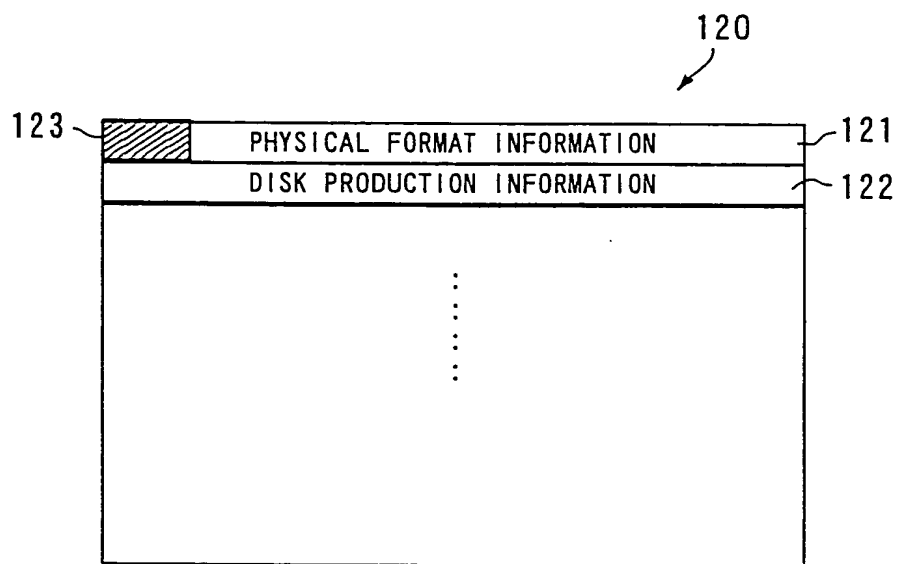


FIG. 19

